

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV

A
E
T
G
S
W
TV

A
E
T
G
S
W
TV

SIGNS

ALL SIGNS ARE PROPOSED UNLESS OTHERWISE NOTED

22
NEW
TEMPORARY SIGN
W3-3 NEW
36" X 36"

28 (EXISTING)
29
SOUTH
MARYLAND
32
TO
70
36" x 60"
ASSOCIATED SHIELD ASSEMBLY
MOUNTED ON EXISTING WOOD POST

24
NORTH
MARYLAND
32
ASSOCIATED SHIELD ASSEMBLY
36" x 60"
(MOUNTED ON STEEL POLE)

23
SOUTH
MARYLAND
32
ASSOCIATED SHIELD ASSEMBLY
36" x 60"
(TO BE INSTALLED ON EXISTING WOOD POST)

14,19,25
NEW
TEMPORARY SIGN
W3-3 NEW
48" X 48"

27 (EXISTING)
21
NORTH
MARYLAND
32
ASSOCIATED SHIELD ASSEMBLY
(TO BE INSTALLED ON EXISTING WOOD POST)

21
EAST
MARYLAND
99
ASSOCIATED SHIELD ASSEMBLY
36" x 60"
(GROUND-MOUNTED)

16
EAST
MARYLAND
99
ASSOCIATED SHIELD ASSEMBLY
36" x 60"
(GROUND-MOUNTED)

13,18
(EXISTING EXCEPT AS NOTED BELOW)
JCT 99
Old Frederick Rd
NEXT SIGNAL
D3-2(MOD)
PROPOSED PANEL 16" x 120"
WITH 8" LETTERING

15a,15b,20a,20a
D3-2
(Variable x 16")
Dual Faced
Old Frederick Rd

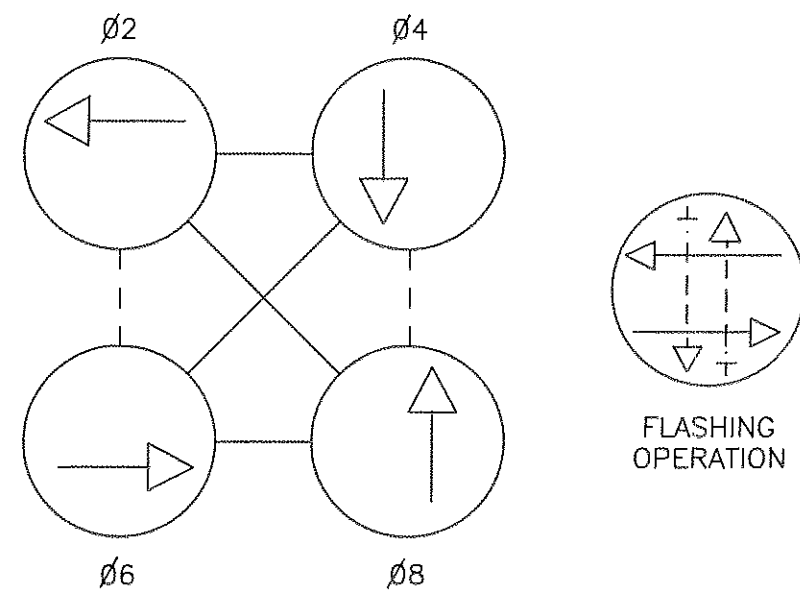
17
YIELD
R1-2
36" x 36" x 36"
(GROUND-MOUNTED)

26 (EXISTING)
ONLY
R3-8 (MOD)
36" x 30"

SIGNALS

1-12
R
Y
G
12"

NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES:

- Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards.
- "D.O." indicates a delay-output loop detector.
- The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
- District - 7 forces are to complete shoulder improvement / reconstruction on MD 32 as necessary and restripe prior to the signal being installed. The contractor is not to install advance loops on MD 32 until this work is completed.
- It is the contractor's responsibility to locate the direct burial street lighting cable and to keep the lighting operational until the signal is turned on. There is no record of street lighting plans at this location in the SHA files.

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REVISIONS

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic and Safety
TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL NUMBER:

DRAWN BY: S.R.BARANOWSKI (FOR STS)

DES. BY: R.R.ZACHARL (FOR STS)

CHK. BY: J.K.R. 2/13/94

DATE: 6-13-94

F.A.P. NO.

S.H.A. NO.

MD 32 AND MD 99 / OLD FREDERICK RD.
COUNTY HOWARD

LOG MILE: 13003220.98

TS/STD. NO. 3443

SHEET NO. OF

F#
28

13003220.98